

Appendix

Please insert the following Section before "Field of the Invention" in the enclosed specification:

REFERENCE TO RELATED APPLICATIONS

This application is a continuation of U.S. Nonprovisional Application No. 09/342,335, filed June 6, 1999, entitled "Method for Selectively Etching Silicon and/or Metal Silicides."

Please amend the claims as follows:

12. (Amended) A method comprising etching a metal silicide layer during fabrication of an integrated circuit in an environment having a [high] concentration of O₂ greater than 25 % by volume so as to [fully] selectively etch the metal silicide layer with[out etching] respect to an underlying poly-silicon layer.

Please cancel claims 13 and 16-20.

Please add claims 21-27 as follows:

--21. A method of etching a metal silicide, comprising etching of the metal silicide with a plasma,

wherein the plasma is prepared from a gas mixture comprising: chlorine, and greater than 25 % by volume oxygen.--

--22. The method of claim 21, further comprising, prior to said etching, a breakthrough etch.--

--23. The method of claim 22, wherein said breakthrough etch comprises etching with a plasma prepared from a gas comprising CF₄.--

--24. The method of claim 21, wherein said etching is a metal silicide etch that is selective to

poly-silicon with a ratio of etch rates of at least 30.--

--25. The method of claim 1, further comprising, prior to said etching, a breakthrough etch.--

--26. The method of claim 1, wherein said etching is a metal silicide etch that is selective to poly-silicon with a ratio of etch rates of at least 30.--

--27. The method of claim 21, wherein said gas mixture comprises: chlorine and from 25 % to 30% by volume oxygen.--

2020-08-14 10:00:00